

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Tanzi and Kim

Appl. No. 09/065,902

Filed: April 24, 1998

For: **Purified 20 kDa Presenilin 2  
C-Terminal Fragment and  
Methods of Screening for  
Compounds That Inhibit  
Proteolysis of Presenilin 2**

Art Unit: 1644

Examiner: Clemens, K.

Att'y Docket: 0609.4270001/REF/JUK

**Declaration of Co-Inventors Under 37 C.F.R. § 1.132**

Commissioner for Patents  
Washington, DC 20231

Sir:

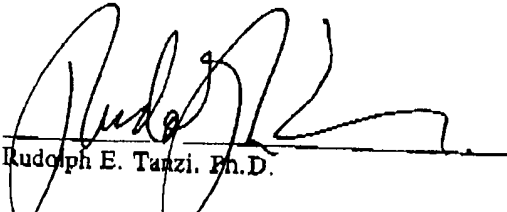
We, Rudolph E. Tanzi and Tae-Wan Kim, do declare and state that:

1. We are the co-inventors of the claimed invention in the captioned application.
2. In a rejection under 35 U.S.C. § 103(a), the Examiner cited Tanzi *et al.*, a publication entitled "The Gene Defects Responsible for Familial Alzheimer's Disease," published 1996 in *Neurobiology of Disease* 3:159-168. Tanzi *et al.*, at page 164, left column, discusses work described in Kim *et al.*, an abstract entitled "Proteolytic Processing of Wild-type and Mutant Forms of Presenilin 2," which published July 1996 in *Neurobiology of Aging* 17:S155, for the Fifty International Conference on Alzheimer's Disease and Related Disorders held July 24-29, 1996 in Osaka, Japan. A copy of Kim *et al.* is attached.
3. We, together with other workers (Olivia G. Hallmark, Warren H. Pettingell, and Wilma Wasco), co-authored Kim *et al.* The other persons listed on Kim *et al.* are co authors, but are not co-inventors of the subject matter of the captioned application. Olivia

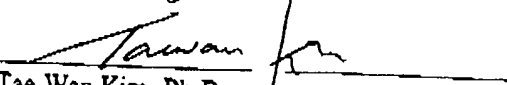
Hallmark was a research assistant who provided technical assistance for the cell culture experiments. Warren Pettingell was a research technologist who provided technical assistance for the recombinant DNA experiments. Wilma Wasco was an assistant professor who provided the cDNA for presenilin 2, a reagent used for experiments as indicated in the captioned application. Therefore, these three co-authors of Kim *et al.* were merely working under our direction, providing technical assistance, or providing a reagent used in the experiments. These three co-authors did not make any inventive contribution to the claimed invention of the captioned application.

4. We further declare that all statements made herein of our own knowledge are true, and that all statements made on information and belief are believed to be true and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

7/26/00  
Date

  
Rudolph E. Tanzi, Ph.D.

7/26/00  
Date

  
Tae Wan Kim, Ph.D.

P:\USERS\JKIM\0609\427-1\kaz.doc

Attachment: Kim *et al.*, *Neurobiology of Aging* 17:S155 (July 1996)